

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4868	(345/55,76,82,84,87).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/19 09:39
S2	3978797	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/10 10:22
S3	411585	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/10 10:22
S4	1566	S1 and S2 and S3	US-PGPUB; USPAT	OR	ON	2006/04/10 10:44
S5	1	"20040021616".did.	US-PGPUB; USPAT	OR	ON	2006/04/10 10:50
S6	40904	hitachi.as.	US-PGPUB; USPAT	OR	ON	2006/04/10 10:54
S7	69	S4 and S6	US-PGPUB; USPAT	OR	ON	2006/04/10 10:51
S8	120	"hitachi displays".as.	US-PGPUB; USPAT	OR	ON	2006/04/10 10:59
S9	297	"hitachi device engineering".as.	US-PGPUB; USPAT	OR	ON	2006/04/10 10:59
S11	242	S2 and S9	US-PGPUB; USPAT	OR	ON	2006/04/10 11:00
S12	576	(345/1.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/10 11:52
S13	24	S2 and S12 and S3	US-PGPUB; USPAT	OR	ON	2006/04/10 11:56
S14	382	S2 and S12	US-PGPUB; USPAT	OR	ON	2006/04/10 11:56
S15	2	((("6954184") or ("6677925"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/10 12:10
S16	1835	(349/56,139,142,151-152).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/10 12:11
S17	771	S3 and S16	US-PGPUB; USPAT	OR	ON	2006/04/10 12:12
S18	545	S2 and S17	US-PGPUB; USPAT	OR	ON	2006/04/10 12:40
S20	3285	active adj matrix adj substrate	US-PGPUB; USPAT	OR	ON	2006/04/10 12:40
S21	2370	S3 and S20	US-PGPUB; USPAT	OR	ON	2006/04/10 12:40
S22	1491	S2 and S21	US-PGPUB; USPAT	OR	ON	2006/04/10 12:40
S23	419496	(multiple plural\$5 (first and second) several number) same display	US-PGPUB; USPAT	OR	ON	2006/04/12 11:22

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S24	1301	S22 and S23	US-PGPUB; USPAT	OR	ON	2006/04/10 15:53
S25	1	"07168208".did.	JPO	OR	ON	2006/04/10 15:58
S26	1	"2000250064".did.	JPO	OR	ON	2006/04/10 15:58
S27	538	(345/55).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:00
S28	3978797	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/10 16:00
S29	437	S27 and S28	US-PGPUB; USPAT	OR	ON	2006/04/10 16:00
S30	411585	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/10 16:00
S31	188	S29 and S30	US-PGPUB; USPAT	OR	ON	2006/04/10 16:09
S32	55250	("345").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/04/10 16:09
S33	3285	active adj matrix adj substrate	US-PGPUB; USPAT	OR	ON	2006/04/10 16:09
S34	419496	(multiple plural\$5 (first and second) several number) same display	US-PGPUB; USPAT	OR	ON	2006/04/10 16:33
S35	275	S32 and S33 and S30 and S34 and S28	US-PGPUB; USPAT	OR	ON	2006/04/10 16:10
S36	270064	(multiple plural\$5 (first and second) several number) with ((active adj matrix) display)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:35
S37	5750	S32 and S30 and S28 and S36	US-PGPUB; USPAT	OR	ON	2006/04/10 16:35
S38	199281	(multiple plural\$5 (first and second)) with ((active adj matrix) display)	US-PGPUB; USPAT	OR	ON	2006/04/10 16:35
S39	5369	S32 and S30 and S28 and S38	US-PGPUB; USPAT	OR	ON	2006/04/10 16:35
S40	272	S39 and S33	US-PGPUB; USPAT	OR	ON	2006/04/10 16:35
S41	3980277	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/12 11:22
S42	411964	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/12 11:22
S43	304446	(multiple plural\$5 (first and second) several number two) with display	US-PGPUB; USPAT	OR	ON	2006/04/12 11:46
S44	30390	S41 and S42 and S43	US-PGPUB; USPAT	OR	ON	2006/04/12 11:23
S45	75545	((("345") or ("349")).CLAS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 11:24

## EAST Search History

S46	8848	S44 and S45	US-PGPUB; USPAT	OR	ON	2006/04/12 11:24
S47	25829	active adj matrix	US-PGPUB; USPAT	OR	ON	2006/04/12 11:24
S48	4084	S46 and S47	US-PGPUB; USPAT	OR	ON	2006/04/12 11:25
S49	817976	(gate row scan) and (source data address column)	US-PGPUB; USPAT	OR	ON	2006/04/12 11:27
S50	3902	S48 and S49	US-PGPUB; USPAT	OR	ON	2006/04/12 11:31
S51	191534	pixel	US-PGPUB; USPAT	OR	ON	2006/04/12 11:31
S52	3685	S50 and S51	US-PGPUB; USPAT	OR	ON	2006/04/12 11:32
S53	174797	lcd or "liquid crystal display"	US-PGPUB; USPAT	OR	ON	2006/04/12 11:32
S54	3478	S52 and S53	US-PGPUB; USPAT	OR	ON	2006/04/12 11:32
S55	19736	(multiple plural\$5 (first and second) several number two) with (display adj panel)	US-PGPUB; USPAT	OR	ON	2006/04/12 11:33
S56	736	S54 and S55	US-PGPUB; USPAT	OR	ON	2006/04/12 11:38
S57	50987	main with display	US-PGPUB; USPAT	OR	ON	2006/04/12 11:38
S58	144	S56 and S57	US-PGPUB; USPAT	OR	ON	2006/04/12 11:39
S59	13243	((multiple plural\$5 (first and second) several number two) with display) same (main with display)	US-PGPUB; USPAT	OR	ON	2006/04/12 11:46
S60	1329	S41 and S42 and S59	US-PGPUB; USPAT	OR	ON	2006/04/12 11:47
S61	374	S45 and S60	US-PGPUB; USPAT	OR	ON	2006/04/12 11:47
S62	578	(345/1.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/12 13:50
S63	541	(345/55).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:06
S64	3980315	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/14 12:07
S65	438	S63 and S64	US-PGPUB; USPAT	OR	ON	2006/04/14 12:37
S66	103	S63 not S65	US-PGPUB; USPAT	OR	ON	2006/04/14 12:38

## EAST Search History

S67	5014	((315/169.1,169.3) or (345/204)). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:39
S68	3307	S67 and S64	US-PGPUB; USPAT	OR	ON	2006/04/14 12:39
S69	412520	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/14 12:39
S70	1559	S68 and S69	US-PGPUB; USPAT	OR	ON	2006/04/14 14:04
S71	926	(345/1.1,3.1,1.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 14:05
S72	47	S71 and S69 and S64	US-PGPUB; USPAT	OR	ON	2006/04/14 14:09
S73	644	S71 and S64	US-PGPUB; USPAT	OR	ON	2006/04/14 14:09
S74	597	S73 not S72	US-PGPUB; USPAT	OR	ON	2006/04/14 14:09
S75	19	("4423929"   "4443062"   "4597635"   "4690510"   "4878741"   "5436744"   "5457551"   "5625474"   "5810604"   "5861929"   "5943033"   "6067134"   "6229502"   "6232938"   "6262785"   "6377321"   "6392725").PN. OR ("6697039").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:42
S76	6	((("6954184") or ("6677925") or ("5436744") or ("6262785") or ("6646622") or ("6697039"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/17 15:45
S77	2	2001/0054986	US-PGPUB; USPAT	OR	ON	2006/04/17 15:45
S78	1	"20010054986".did.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:45
S79	1	"20020021258".did.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:45
S80	75679	((("345") or ("349"))).CLAS.	US-PGPUB; USPAT	OR	OFF	2006/04/17 16:19
S81	412520	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/17 16:20
S82	466519	matrix	US-PGPUB; USPAT	OR	ON	2006/04/17 16:20
S83	11357	S80 and S81 and S82	US-PGPUB; USPAT	OR	ON	2006/04/17 16:20
S84	3980315	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/17 16:21
S85	7453	S83 and S84	US-PGPUB; USPAT	OR	ON	2006/04/17 16:21

## EAST Search History

S86	421061	(multiple plural\$5 (first and second) several number) same display	US-PGPUB; USPAT	OR	ON	2006/04/17 16:24
S87	6966	S85 and S86	US-PGPUB; USPAT	OR	ON	2006/04/17 16:23
S88	270003	(multiple plural\$5 (first and second) several number) with display	US-PGPUB; USPAT	OR	ON	2006/04/17 16:24
S89	6554	S85 and S88	US-PGPUB; USPAT	OR	ON	2006/04/17 16:24
S90	32735	(multiple plural\$5 (first and second) several number) adj display	US-PGPUB; USPAT	OR	ON	2006/04/17 16:25
S91	1157	S85 and S90	US-PGPUB; USPAT	OR	ON	2006/04/18 09:38
S92	2230	(345/87).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/18 09:39
S93	3981788	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/18 09:39
S94	1712	S92 and S93	US-PGPUB; USPAT	OR	ON	2006/04/18 09:39
S95	1	("6826042").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/18 10:44
S96	933	block adj split	US-PGPUB; USPAT	OR	ON	2006/04/19 09:39
S97	4898	(345/55,76,82,84,87).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/19 09:39
S98	1841	(349/56,139,142,151-152).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/19 09:39
S99	55528	("345").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/04/19 09:40
S10 0	75788	((("345") or ("349"))).CLAS.	US-PGPUB; USPAT	OR	OFF	2006/04/19 09:40
S10 1	14	S96 and S100	US-PGPUB; USPAT	OR	ON	2006/04/19 09:40
S10 2	3981788	@ad<"20021125"	US-PGPUB; USPAT	OR	ON	2006/04/19 09:40
S10 3	11	S101 and S102	US-PGPUB; USPAT	OR	ON	2006/04/19 09:41
S10 4	493485	delay	US-PGPUB; USPAT	OR	ON	2006/04/19 09:41
S10 5	8528	S100 and S104 and S102	US-PGPUB; USPAT	OR	ON	2006/04/19 09:41
S10 6	412979	capacitor capacitance	US-PGPUB; USPAT	OR	ON	2006/04/19 09:42
S10 7	44725	S104 same S106	US-PGPUB; USPAT	OR	ON	2006/04/19 09:42

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S10 8	905	S105 and S107	US-PGPUB; USPAT	OR	ON	2006/04/19 09:42
S10 9	421645	(multiple plural\$5 (first and second) several number) same display	US-PGPUB; USPAT	OR	ON	2006/04/19 09:44
S11 0	811	S108 and S109	US-PGPUB; USPAT	OR	ON	2006/04/19 10:02